

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	6925	spotting proteins	US-PGPUB; USPAT	AND	ON	2006/12/20 13:28
L11	1671	l10 and printing proteins	US-PGPUB; USPAT	AND	ON	2006/12/20 13:28
L12	1332	l11 and buffer	US-PGPUB; USPAT	AND	ON	2006/12/20 13:29
L13	941	l12 and protein microarray	US-PGPUB; USPAT	AND	ON	2006/12/20 13:29
L14	277	l13 and surfactant	US-PGPUB; USPAT	AND	ON	2006/12/20 13:29
S1	3020	phytate	US-PGPUB; USPAT	OR	ON	2006/12/19 12:23
S2	1014883	S1 and nucleic acid	US-PGPUB; USPAT	OR	ON	2006/12/18 16:27
S3	1112	S1 and nucleic acid	US-PGPUB; USPAT	AND	ON	2006/12/18 16:27
S4	81	S3 and (print or array)	US-PGPUB; USPAT	AND	ON	2006/12/18 16:36
S5	77	S4 and buffer	US-PGPUB; USPAT	AND	ON	2006/12/18 16:37
S6	131637	nucleic acid	US-PGPUB; USPAT	AND	ON	2006/12/18 16:37
S7	80094	S6 and (microarray or support)	US-PGPUB; USPAT	AND	ON	2006/12/18 16:37
S8	8440	S7 and (printing or spotting)	US-PGPUB; USPAT	AND	ON	2006/12/18 16:38
S9	6898	S8 and buffer	US-PGPUB; USPAT	AND	ON	2006/12/18 16:39
S10	3	S9 and phytate	US-PGPUB; USPAT	AND	ON	2006/12/18 16:38
S11	1248	S9 and organic anion	US-PGPUB; USPAT	AND	ON	2006/12/18 16:39
S12	526	S11 and surfactant	US-PGPUB; USPAT	AND	ON	2006/12/18 16:41
S13	365	S12 and SDS	US-PGPUB; USPAT	AND	ON	2006/12/18 16:42
S14	314	S13 and potassium phosphate	US-PGPUB; USPAT	AND	ON	2006/12/18 16:42
S15	253	S14 and inorganic phosphate	US-PGPUB; USPAT	AND	ON	2006/12/18 16:42
S16	99	S15 and anionic surfactant	US-PGPUB; USPAT	AND	ON	2006/12/18 16:42

## EAST Search History

S17	80	S16 and nonionic surfactant	US-PGPUB; USPAT	AND	ON	2006/12/18 17:07
S18	42512	print buffer	US-PGPUB; USPAT	AND	ON	2006/12/18 17:07
S19	645	S18 and spot morphology	US-PGPUB; USPAT	AND	ON	2006/12/18 17:09
S20	1	S19 and phytate	US-PGPUB; USPAT	AND	ON	2006/12/18 17:07
S21	5	S19 and phytic acid	US-PGPUB; USPAT	AND	ON	2006/12/18 17:08
S22	6	S19 and doughnut	US-PGPUB; USPAT	AND	ON	2006/12/18 17:22
S23	1	6110719[pn]	US-PGPUB; USPAT	AND	ON	2006/12/18 17:22
S24	629	hexaphosphate	US-PGPUB; USPAT	AND	ON	2006/12/18 17:40
S25	339	S24 and inorganic phosphate	US-PGPUB; USPAT	AND	ON	2006/12/18 17:40
S26	86	S25 and hybridization	US-PGPUB; USPAT	AND	ON	2006/12/18 17:40
S27	66	S26 and (blot or spot or pin)	US-PGPUB; USPAT	AND	ON	2006/12/18 17:44
S28	1135215	(blot or spot or pin)	US-PGPUB; USPAT	AND	ON	2006/12/18 17:44
S29	83384	S28 and (nucleic acid or polypeptide)	US-PGPUB; USPAT	AND	ON	2006/12/18 17:45
S30	80896	S28 and (nucleic acid or oligonucleotid or cDNA)	US-PGPUB; USPAT	AND	ON	2006/12/18 17:45
S31	69998	S30 and buffer	US-PGPUB; USPAT	AND	ON	2006/12/18 17:46
S32	16772	S31 and surfactant	US-PGPUB; USPAT	AND	ON	2006/12/18 17:46
S33	15612	S32 and (solid support or matrix or glass)	US-PGPUB; USPAT	AND	ON	2006/12/18 17:46
S34	119	S33 and (phytic acid or hexaphosphate)	US-PGPUB; USPAT	AND	ON	2006/12/18 17:47
S35	17338	microarray	US-PGPUB; USPAT	AND	ON	2006/12/19 09:40
S36	4765	S35 and (printing or spotting)	US-PGPUB; USPAT	AND	ON	2006/12/19 09:40
S37	4503	S36 and (DNA or RNA)	US-PGPUB; USPAT	AND	ON	2006/12/19 09:41
S38	4442	S37 and (support or matrix or surface)	US-PGPUB; USPAT	AND	ON	2006/12/19 09:41

## EAST Search History

S39	3918	S38 and (buffer or ion)	US-PGPUB; USPAT	AND	ON	2006/12/19 09:42
S40	906	S39 and surfactant	US-PGPUB; USPAT	AND	ON	2006/12/19 09:42
S41	647	S40 and inorganic	US-PGPUB; USPAT	AND	ON	2006/12/19 09:42
S42	608	S41 and (active or passive)	US-PGPUB; USPAT	AND	ON	2006/12/19 09:42
S43	112	S42 and (quill or piezoelectric)	US-PGPUB; USPAT	AND	ON	2006/12/19 09:43
S44	95	S43 and diameter	US-PGPUB; USPAT	AND	ON	2006/12/19 10:06
S45	504911	chips	US-PGPUB; USPAT	AND	ON	2006/12/19 10:07
S46	181770	S45 and array	US-PGPUB; USPAT	AND	ON	2006/12/19 10:07
S47	3173	S46 and microfabricated	US-PGPUB; USPAT	AND	ON	2006/12/19 10:07
S48	16523	S47 and printing or spotting	US-PGPUB; USPAT	AND	ON	2006/12/19 10:07
S49	1218	S47 and (printing or spotting)	US-PGPUB; USPAT	AND	ON	2006/12/19 10:07
S50	662	S49 and piezoelectric	US-PGPUB; USPAT	AND	ON	2006/12/19 10:08
S51	4	S50 and quill	US-PGPUB; USPAT	AND	ON	2006/12/19 10:08
S52	830	S49 and diameter	US-PGPUB; USPAT	AND	ON	2006/12/19 10:08
S53	383	S50 and diameter	US-PGPUB; USPAT	AND	ON	2006/12/19 10:08
S54	199	S53 and nucleic acid	US-PGPUB; USPAT	AND	ON	2006/12/19 10:13
S55	17338	microarray	US-PGPUB; USPAT	AND	ON	2006/12/19 10:14
S56	9699	S55 and DNA chip	US-PGPUB; USPAT	AND	ON	2006/12/19 10:14
S57	303015	S56 and print or spot	US-PGPUB; USPAT	AND	ON	2006/12/19 10:14
S58	4948	S56 and (print or spot)	US-PGPUB; USPAT	AND	ON	2006/12/19 10:14
S59	166	S58 and quill	US-PGPUB; USPAT	AND	ON	2006/12/19 10:14
S60	2516	S58 and (quill or pin)	US-PGPUB; USPAT	AND	ON	2006/12/19 10:14

## EAST Search History

S61	562	S60 and piezoelectric	US-PGPUB; USPAT	AND	ON	2006/12/19 10:14
S62	86	S61 and surfactant	US-PGPUB; USPAT	AND	ON	2006/12/19 10:17
S63	1659	pin(w)spotting	US-PGPUB; USPAT	AND	ON	2006/12/19 10:17
S64	136	S63 and quill	US-PGPUB; USPAT	AND	ON	2006/12/19 10:17
S65	102	S64 and diameter	US-PGPUB; USPAT	AND	ON	2006/12/19 11:35
S66	71335	ink jet	US-PGPUB; USPAT	AND	ON	2006/12/19 11:12
S67	58571	S66 and printing	US-PGPUB; USPAT	AND	ON	2006/12/19 11:12
S68	1890	S67 and nucleic acid	US-PGPUB; USPAT	AND	ON	2006/12/19 11:13
S69	468	S68 and surfactant	US-PGPUB; USPAT	AND	ON	2006/12/19 11:13
S70	394	S69 and diameter	US-PGPUB; USPAT	AND	ON	2006/12/19 11:13
S71	331	S70 and buffer	US-PGPUB; USPAT	AND	ON	2006/12/19 11:13
S72	115	S71 and spotting	US-PGPUB; USPAT	AND	ON	2006/12/19 11:13
S73	224401	surfactant	US-PGPUB; USPAT	AND	ON	2006/12/19 11:35
S74	70163	S73 and buffer	US-PGPUB; USPAT	AND	ON	2006/12/19 11:35
S75	13582	S74 and (anneal or hybridize)	US-PGPUB; USPAT	AND	ON	2006/12/19 11:36
S76	4166	S75 (spot or print)	US-PGPUB; USPAT	AND	ON	2006/12/19 11:36
S77	2797	S76 and (microarray or chip)	US-PGPUB; USPAT	AND	ON	2006/12/19 11:37
S78	2776	S77 and (membrane or support)	US-PGPUB; USPAT	AND	ON	2006/12/19 11:37
S79	2738	S78 and (protein or nucleic acid)	US-PGPUB; USPAT	AND	ON	2006/12/19 11:38
S80	830	S79 and (spot diameter)	US-PGPUB; USPAT	AND	ON	2006/12/19 11:38
S81	3	S80 and hexaphosphate	US-PGPUB; USPAT	AND	ON	2006/12/19 11:39
S82	310	S80 and printing	US-PGPUB; USPAT	AND	ON	2006/12/19 11:45

## EAST Search History

S83	629	hexaphosphate	US-PGPUB; USPAT	AND	ON	2006/12/19 11:45
S84	241	S83 and nucleic acid	US-PGPUB; USPAT	AND	ON	2006/12/19 11:45
S85	88	S84 and surfactant	US-PGPUB; USPAT	AND	ON	2006/12/19 11:48
S86	5660	phytic acid	US-PGPUB; USPAT	AND	ON	2006/12/19 11:48
S87	2502	S86 and surfactant	US-PGPUB; USPAT	AND	ON	2006/12/19 11:48
S88	242	S87 and nucleic acid	US-PGPUB; USPAT	AND	ON	2006/12/19 11:48
S89	190	S88 and buffer	US-PGPUB; USPAT	AND	ON	2006/12/19 11:48
S90	1	4877745[pn]	US-PGPUB; USPAT	AND	ON	2006/12/19 12:28
S91	1	5338688[pn]	US-PGPUB; USPAT	AND	ON	2006/12/19 12:31
S92	1	5449754[pn]	US-PGPUB; USPAT	AND	ON	2006/12/19 12:33
S93	1	5474796[pn]	US-PGPUB; USPAT	AND	ON	2006/12/19 12:34
S94	1	5599695[pn]	US-PGPUB; USPAT	AND	ON	2006/12/19 12:36
S95	1	5658802[pn]	US-PGPUB; USPAT	AND	ON	2006/12/19 12:44
S96	1	5700637[pn]	US-PGPUB; USPAT	AND	ON	2006/12/19 12:45
S97	1	5831070[pn]	US-PGPUB; USPAT	AND	ON	2006/12/19 12:45
S98	1	5958342[pn]	US-PGPUB; USPAT	AND	ON	2006/12/19 13:01
S99	1	6079283[pn]	US-PGPUB; USPAT	AND	ON	2006/12/19 13:03
S100	617448	buffers	US-PGPUB; USPAT	AND	ON	2006/12/19 13:03
S101	99588	S100 and (surfactant or detergent)	US-PGPUB; USPAT	AND	ON	2006/12/19 13:03
S102	73245	S101 and (nucleic acid or protein)	US-PGPUB; USPAT	AND	ON	2006/12/19 13:04
S103	6507	S102 and (printing or spotting or arraying)	US-PGPUB; USPAT	AND	ON	2006/12/19 13:11
S104	6379	S103 and (matrix or membrane or polymer or support)	US-PGPUB; USPAT	AND	ON	2006/12/19 13:11

## EAST Search History

S10 5	4290	S104 and sulfate	US-PGPUB; USPAT	AND	ON	2006/12/19 13:11
S10 6	3951	S105 and phosphate	US-PGPUB; USPAT	AND	ON	2006/12/19 13:11
S10 7	221	S106 and phytic acid	US-PGPUB; USPAT	AND	ON	2006/12/19 13:12